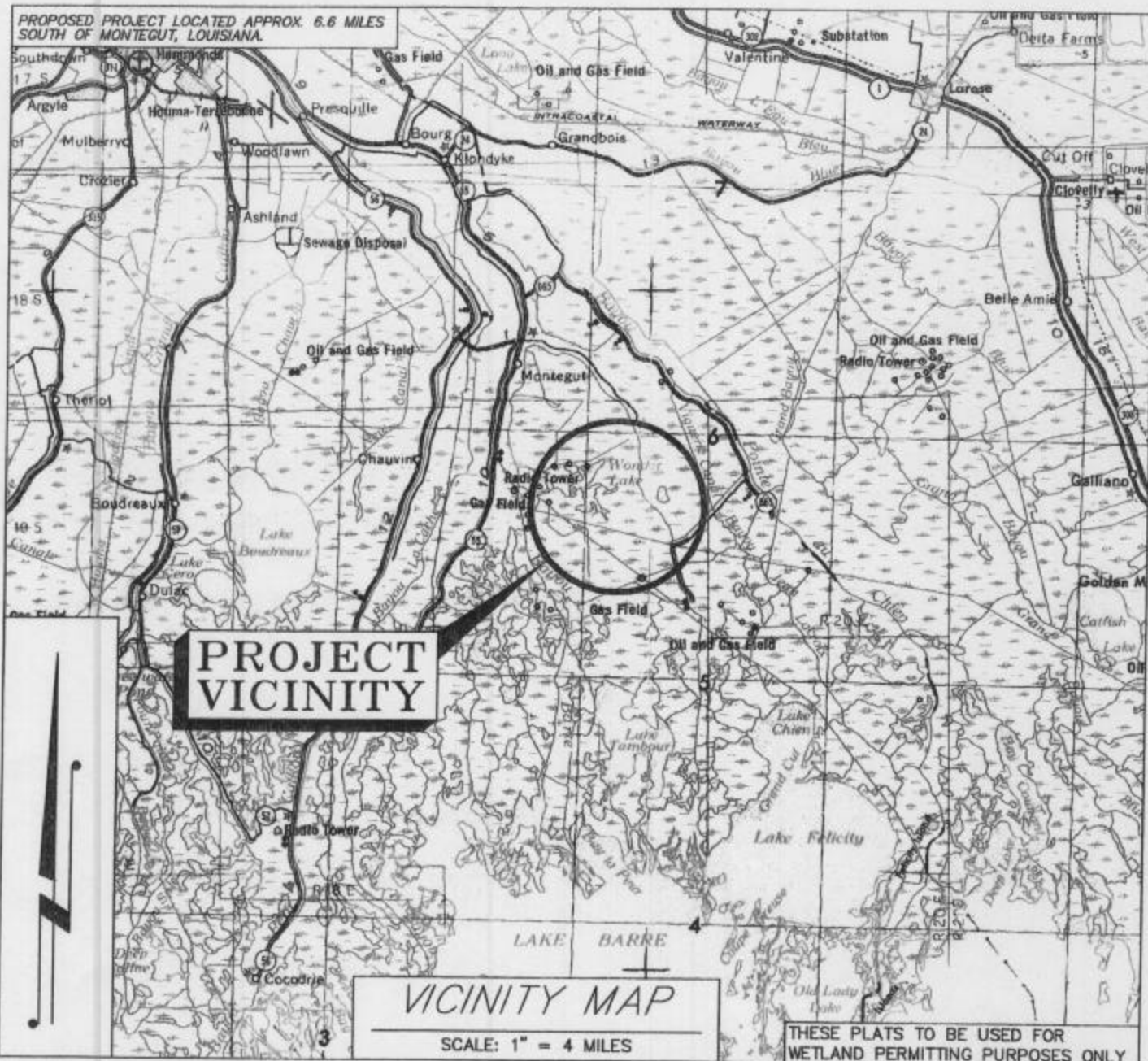


PROPOSED PROJECT LOCATED APPROX. 6.6 MILES
SOUTH OF MONTEGUT, LOUISIANA.



NO.	DATE	REVISION

APACHE CORPORATION

**PROPOSED MAINTENANCE DREDGING & DRILLING STRUCTURES
TO SERVE APACHE LOUISIANA MINERALS, INC
(ALMI) 36 NO. 1 WELL**

**SEC. 29, 30, 31 & 36 T19S-R19E, LIRETTE OIL AND GAS FIELD
TERREBONNE PARISH, LOUISIANA**



T. Baker Smith & Son, Inc.
Professional Consultants

PLANNING - DESIGN - CONSTRUCTION MANAGEMENT - OPERATIONS COMPLIANCE
WETLANDS - PERMITTING - ENVIRONMENTAL SERVICES
(504) 846-1080 www.tbsonline.com

DRAWN BY: E.J.D.

APPROVED BY: J.C.M.

SCALE: 1" = 4 MILES

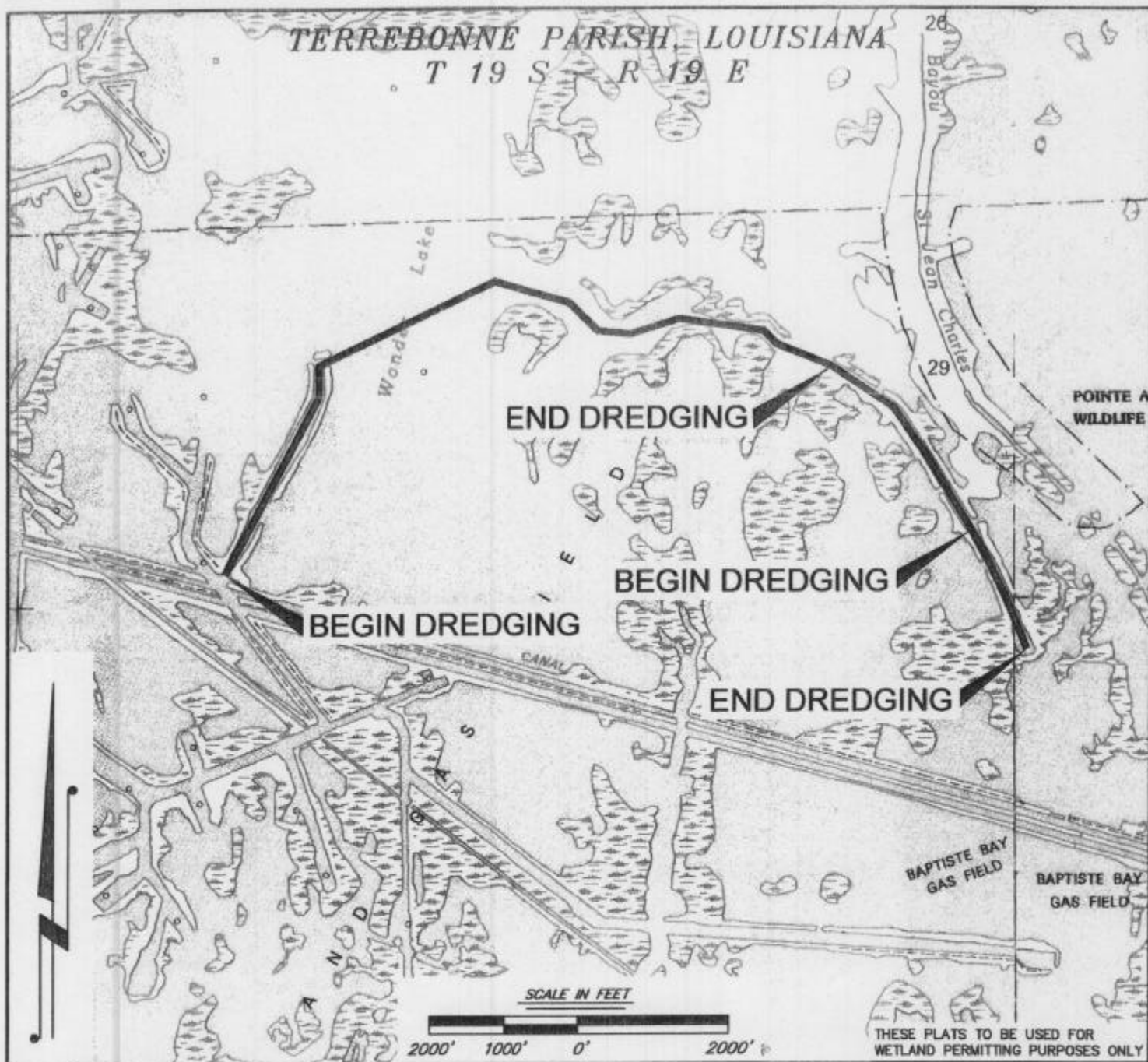
DATE: 10/28/03

SHEET 1 OF 8

DRAWING NAME: 03735C01.DWG

JOB NUMBER: S2003-735

MAP NUMBER:



NO.

DATE

REVISION

APACHE CORPORATION

**PROPOSED MAINTENANCE DREDGING & DRILLING STRUCTURES
TO SERVE APACHE LOUISIANA MINERALS, INC**

(ALMI) 36 NO. 1 WELL

**SEC. 29, 30, 31 & 36 T19S-R19E, LIRETTE OIL AND GAS FIELD
TERREBONNE PARISH, LOUISIANA**



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SURVEYING - ENGINEERING - ENVIRONMENTAL SERVICES
(800) 466-1666 www.tbssmith.com

DRAWN BY: E.J.D.

APPROVED BY: J.C.M.

SCALE: 1"=2000'

DATE: 10/28/03

SHEET 2 OF 7

DRAWING NAME: 03735C02.DWG

JOB NUMBER: S2003-735

MAP NUMBER:

TERREBONNE PARISH, LOUISIANA

SEC. 24

SEC. 25

NOTE: ALL SPOIL PLACEMENT TO BE DONE IN SUCH A MANNER AS TO CREATE NEW MARSH AND ENCOURAGE NEW VEGETATIVE GROWTH AS MUCH AS PRACTICABLE.

SEC. 31

SEC. 30

SEC. 35

SEC. 34

PLAN

SCALE: 1" = 1000'

THESE PLATS TO BE USED FOR WETLAND PERMITTING PURPOSES ONLY

NOTE:
SEE SHEET 5 OF 7
FOR CROSS-SECTIONS
"A-A", "B-B", & "C-C"
DENOTES SOUNDING
REFERENCED TO 0.0' N.G.V.D.

BEGIN PROPOSED DREDGING
X=2,254,796
Y=273,985
LAT.=29°25'04.35" (NAD 83)
LONG.=90°31'59.30" (NAD 83)

EXISTING CLOSURE DAM TO BE CUT 70' WIDE
AND REPLACED UPON ABANDONMENT

PROPOSED
DREDGED
MATERIAL
PLACEMENT

PROPOSED
DREDGED
MATERIAL
PLACEMENT

MATCH LINE

WONDER LAKE

NO.	DATE	REVISION
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APACHE CORPORATION

PROPOSED MAINTENANCE DREDGING & DRILLING STRUCTURES
TO SERVE APACHE LOUISIANA MINERALS, INC

(ALMI) 36 NO. 1 WELL

SEC. 29, 30, 31 & 36 T19S-R19E, LIRETTE OIL AND GAS FIELD
TERREBONNE PARISH, LOUISIANA



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(888) 666-5555 www.tbsonline.com

DRAWN BY: E.J.D.

APPROVED BY: J.C.M.

SCALE: 1"=1000'

DATE: 10/28/03

SHEET 3 OF 7

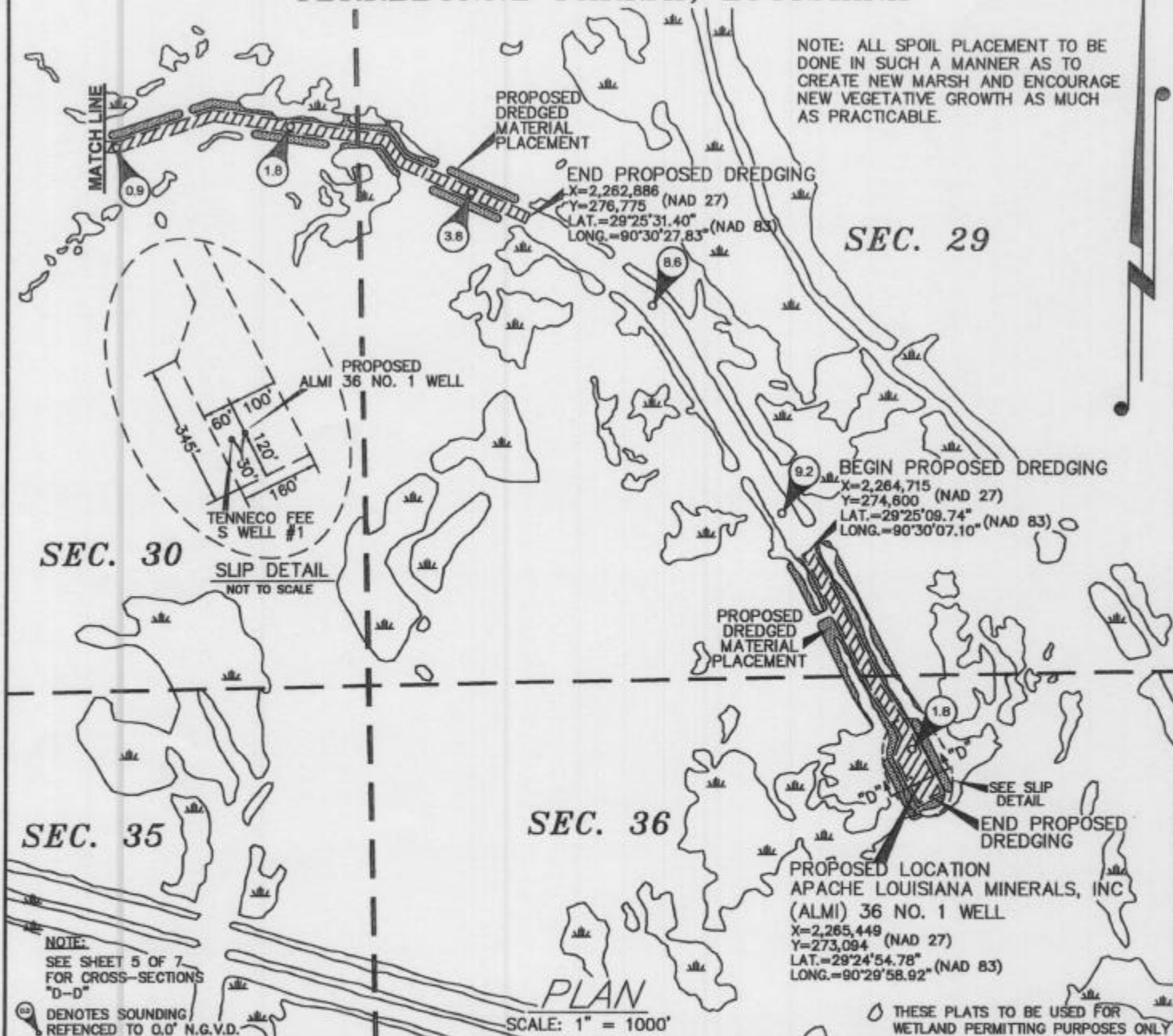
DRAWING NAME: 03735C03.DWG

JOB NUMBER: S2003-735

MAP NUMBER:

TERREBONNE PARISH, LOUISIANA

NOTE: ALL SPOIL PLACEMENT TO BE DONE IN SUCH A MANNER AS TO CREATE NEW MARSH AND ENCOURAGE NEW VEGETATIVE GROWTH AS MUCH AS PRACTICABLE.



NO.	DATE	REVISION
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APACHE CORPORATION

**PROPOSED MAINTENANCE DREDGING & DRILLING STRUCTURES
TO SERVE APACHE LOUISIANA MINERALS, INC
(ALMI) 36 NO. 1 WELL**

**SEC. 29, 30, 31 & 36 T19S-R19E, LIRETTE OIL AND GAS FIELD
TERREBONNE PARISH, LOUISIANA**



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ENVIRONMENTAL - GEOGRAPHIC INFORMATION SYSTEMS
(850) 858-1055 www.tbssm.com

DRAWN BY: E.J.D.

APPROVED BY: J.C.M.

SCALE: 1"=1000'

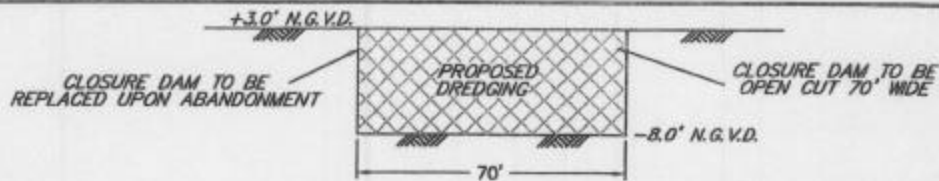
DATE: 10/28/03

SHEET 4 OF 7

DRAWING NAME: 03735C04.DWG

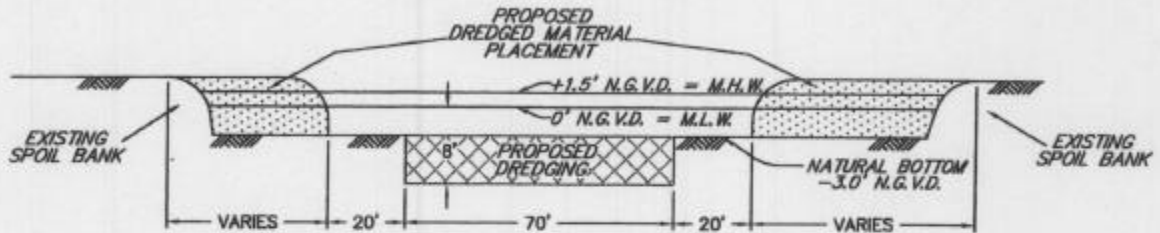
JOB NUMBER: S2003-735

MAP NUMBER:



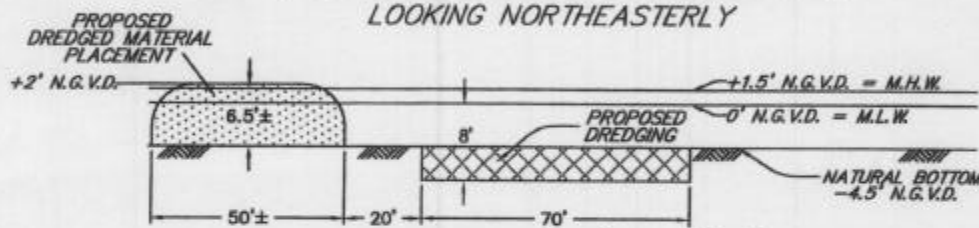
SECTION "A" - "A"

LOOKING NORTHEASTERLY



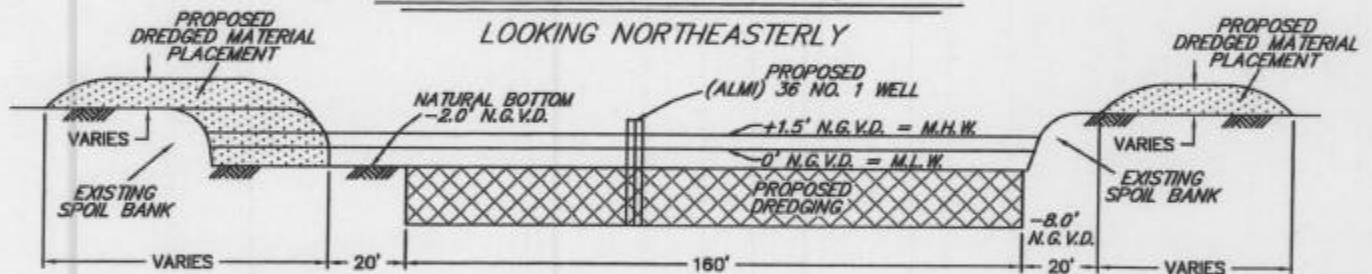
SECTION "B" - "B"

LOOKING NORTHEASTERLY



SECTION "C" - "C"

LOOKING NORTHEASTERLY



SECTION "D" - "D"

LOOKING NORTHWESTERLY

SCALE

1"=50 HORIZONTAL
1"=20 VERTICAL

THESE PLATS TO BE USED FOR
WETLAND PERMITTING PURPOSES ONLY

NOTE: APPROX. 180,114 CUBIC YARDS OF
EXISTING BOTTOM TO BE BUCKET DREDGED
AND STACKED IN OPEN WATER AREA OR
AGAINST EXISTING SPOIL BANKS TO +2' N.G.V.D.
SO AS TO CREATE MARSH TO THE MAXIMUM
EXTENT POSSIBLE.

NO.	DATE	REVISION

APACHE CORPORATION

PROPOSED MAINTENANCE DREDGING & DRILLING STRUCTURES
TO SERVE APACHE LOUISIANA MINERALS, INC

(ALMI) 36 NO. 1 WELL

SEC. 29, 30, 31 & 36 T19S-R19E, LIRETTE OIL AND GAS FIELD
TERREBONNE PARISH, LOUISIANA



T. Baker Smith & Son, Inc.
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ENVIRONMENTAL - ARCHITECTURAL - ENVIRONMENTAL SERVICES
(504) 948-1050 www.tbssm.com

DRAWN BY: E.J.D.

APPROVED BY: J.C.M.

SCALE: AS SHOWN

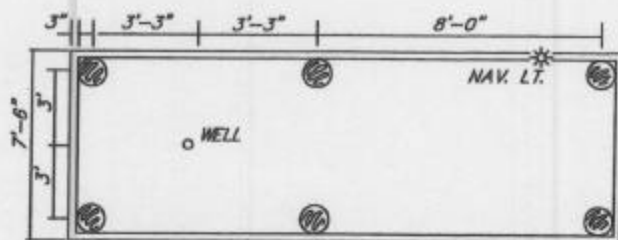
DATE: 10/28/03

SHEET 5 OF 7

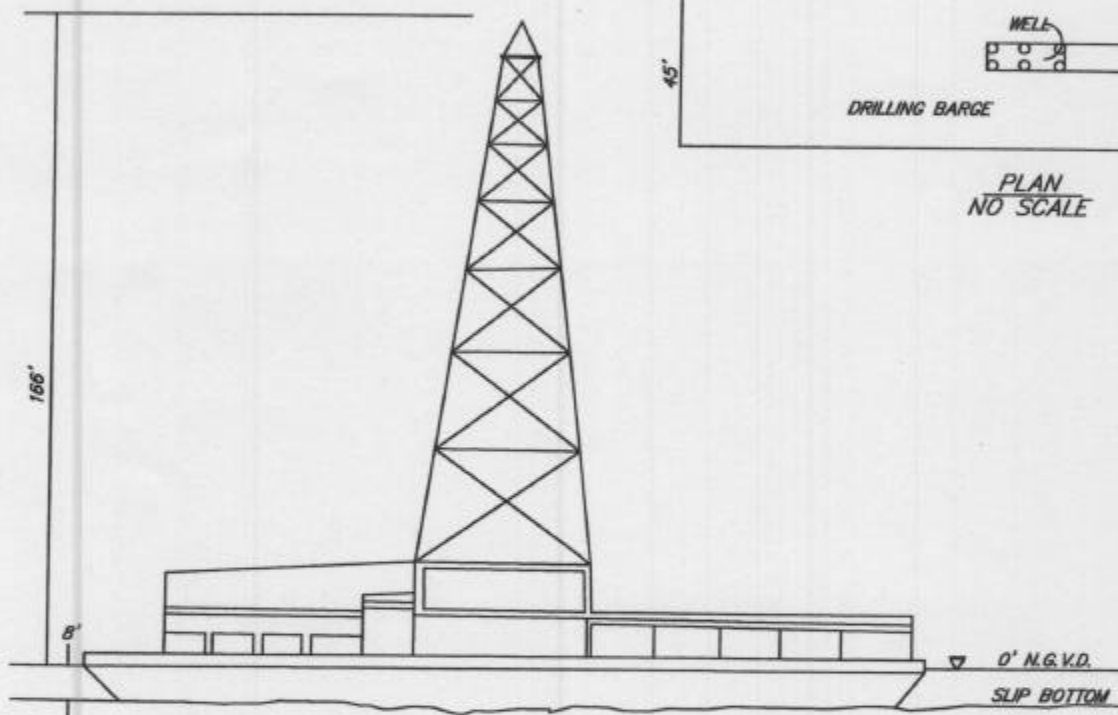
DRAWING NAME: 03735C05.DWG

JOB NUMBER: S2003-735

MAP NUMBER:



PROTECTION STRUCTURE



*TYPICAL DRILLING RIG
& PROTECTION STRUCTURE*

THESE PLATS TO BE USED FOR
WETLAND PERMITTING PURPOSES ONLY

NO.	DATE	REVISION

APACHE CORPORATION

**PROPOSED MAINTENANCE DREDGING & DRILLING STRUCTURES
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(ALMI) 36 NO. 1 WELL

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TERREBONNE PARISH, LOUISIANA**



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Professional Consultants

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ENVIRONMENTAL - ENGINEERING - DRILLING/MATERIAL SERVICES
(800) 949-1950 www.tbssmith.com

DRAWN BY:	E.J.D.	SHEET	6	OF	7
APPROVED BY:	J.C.M.	DRAWING NAME:	03735C06.DWG		
SCALE:	NONE	JOB NUMBER:	S2003-735		
DATE:	10/28/03	MAP NUMBER:			

NOTES

AS BUILT DRAWINGS WILL BE PROVIDED TO LA. DNR, CMD AND PIPELINE DIVISION WITHIN 30 DAYS OF COMPLETION OF THIS PROJECT. APACHE WILL REMOVE ALL STRUCTURES, FACILITIES, WELLS, AND PIPELINES WITHIN 120 DAYS OF ABANDONMENT, UNLESS CMD ISSUES APPROVAL TO LEAVE THEM IN PLACE FOR FUTURE USE. THIS CONDITION DOES NOT PRECLUDE THE NECESSITY FOR REVISING THE CURRENT PERMIT OR OBTAINING A SEPARATE COASTAL USE PERMIT, SHOULD ONE BE REQUIRED, FOR SUCH REMOVAL ACTIVITIES.

ALL STRUCTURES SHALL BE MARKED IN ACCORDANCE WITH U.S. COAST GUARD REGULATIONS.

APACHE SHALL COMPLY WITH APPLICABLE STATE LAWS REGARDING THE NEED TO CONTACT THE LOUISIANA ONE CALL SYSTEM (1-800-272-3020) TO LOCATE ANY BURIED CABLES AND PIPELINES.

NO.	DATE	REVISION
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APACHE CORPORATION

*PROPOSED MAINTENANCE DREDGING & DRILLING STRUCTURES
TO SERVE APACHE LOUISIANA MINERALS, INC*

(ALMI) 36 NO. 1 WELL

*SEC. 29, 30, 31 & 36 T19S-R19E, LIRETTE OIL AND GAS FIELD
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Professional Consultants

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(504) 955-1222 www.tbsonline.com

DRAWN BY: E.J.D.

APPROVED BY: J.C.M.

SCALE: NONE

DATE: 10/28/03

SHEET 7 OF 7

DRAWING NAME: 03735C07.DWG

JOB NUMBER: S2003-735

MAP NUMBER: